

## Patent Abstracts of Japan

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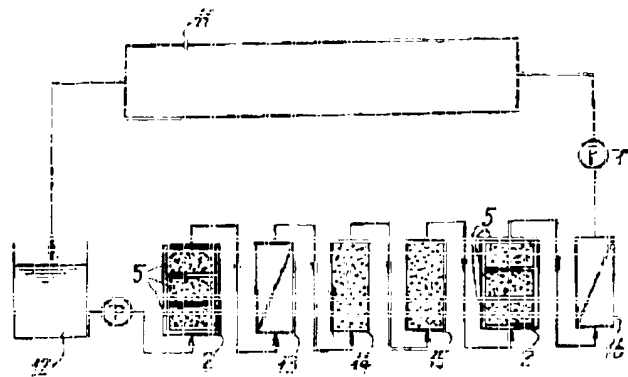
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TITLE : METHOD FOR REMOVING IMPURITY  
 IN WASTE WATER FOR WASHING  
 PRINTED CIRCUIT BOARD



ABSTRACT : PURPOSE: To surely remove impurities such as microbe, metal ions and org. matter in waste water for washing printed circuit boards at low cost, and thereby, to supply the treated water reuseable for the washing of printed circuit boards.

CONSTITUTION: The waste water for washing printed circuit boards is treated in adsorbing and removing processes 14, 15 using activated carbon and/or ion-exchange resin, and electrochemical removing process 2 using a fixed floor type three dimensional electrode 5 to remove impurities. In the electrochemical removing process, sterilization efficiency for microbe is high as compared to conventional UV irradiation, etc., and at least a part of metallic ion and org. matter can be removed by adsorption or decomposition in this process. By combining the adsorbing and removing processes, impurities in the waste washing water can almost completely be removed.

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